indication. A method as in any above, where a constant is added to or subtracted from at least a portion of an OFDM symbol numbering (e.g., in the transmission) to comprise the indication. A method as in any above, where a constant is added to or subtracted from a subframe number (e.g., in the transmission) to comprise the indication. A method as in any above, where the indication comprises at least one of: at least a portion of an orthogonal frequency division multiplexing symbol numbering that is modified, at least a portion of a subframe numbering that is modified, a frequency shift that is modified and a phase shift that is modified.

[0116] A method as in any above, where a frequency shift is modified to comprise the indication. A method as in any above, where a cell-specific frequency shift is modified to comprise the indication. A method as in any above, where a value is added to a frequency shift to comprise the indication. A method as in any above, where the transmission comprises a DL RS transmission, where a cell-specific frequency shift of the DL RS transmission is modified to comprise the indication. A method as in any above, where a phase shift is modified to comprise the indication. A method as in any above, where a phase shift is multiplied by a value to comprise the indication. A method as in any above, where the transmission comprises a DL RS transmission, where a phase shift of the DL RS transmission is modified to comprise the indication.

[0117] A method as in any above, where the transmission comprises a DL transmission. A method as in any above, where the transmission comprises a DL RS transmission. A method as in any above, where the transmission comprises a DL OFDM transmission. A method as in any above, where the transmission comprises a DL RS OFDM transmission. A method as in any above, where the a DL RS initialization is used for the transmission. A method as in any above, where the method is implemented within an E-UTRAN. A method as in any above, where the method is implemented by a network node, an access node, a relay node, a base station or an eNode B. A method as in any above, where the method is implemented by a computer program.

[0118] A method as in any above, implemented as a computer program. A method as in any above, implemented as a computer program stored (e.g., tangibly embodied) on a computer-readable medium (e.g., a program storage device, a memory). A computer program comprising computer program instructions that, when loaded in a processor, perform operations according to one or more (e.g., any one) of the above-described methods. A method as in any above, implemented as a program of instructions tangibly embodied on a program storage device, execution of the program of instructions by a machine (e.g., a processor or a data processor) resulting in operations comprising the steps of the method.

[0119] (2) In another non-limiting, exemplary embodiment, a program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine for performing operations, said operations comprising: inserting an indication of a cyclic prefix length into a transmission (**61**); and sending the transmission (e.g., towards a UE) (**62**).

[0120] A program storage device as in any above, where the program storage device comprises a computer-readable medium, a computer-readable memory, a memory, a memory card, a removable memory, a storage device, a storage component and/or a storage circuit. A program storage device as in any above, further comprising one or more aspects of the exemplary embodiments of the invention as described in further detail herein.

[0121] (3) In another non-limiting, exemplary embodiment, an apparatus comprising: a processor configured to insert an indication of a cyclic prefix length into a transmission; and a transmitter configured to send the transmission (e.g., towards a UE). An apparatus as in the previous, further comprising one or more aspects of the exemplary embodiments of the invention as described in further detail herein.

[0122] (4) In another non-limiting, exemplary embodiment, an apparatus comprising: means for inserting an indication of a cyclic prefix length into a transmission; and means for sending the transmission (e.g., towards a UE). An apparatus as in the previous, further comprising one or more aspects of the exemplary embodiments of the invention as described in further detail herein. An apparatus as in any above, where the means for inserting comprises at least one processor and the means for sending comprises at least one transmitter.

[0123] (5) In another non-limiting, exemplary embodiment, an apparatus comprising: processing circuitry configured to insert an indication of a cyclic prefix length into a transmission; and transmission circuitry configured to send the transmission (e.g., towards a UE). An apparatus as in the previous, further comprising one or more aspects of the exemplary embodiments of the invention as described in further detail herein.

[0124] (6) In one non-limiting, exemplary embodiment, and as illustrated in FIG. **8**, a method comprising: receiving a transmission (**71**); and processing the received transmission to obtain an indication of a cyclic prefix length (**72**).

[0125] A method as above, where the indication comprises an explicit indication of the cyclic prefix length. A method as in any above, where the indication comprises an implicit indication of the cyclic prefix length. A method as in any above, where the indication comprises an additional field in the transmission. A method as in any above, where the indication comprises at least one bit. A method as in any above, where the cyclic prefix length corresponds to one of a normal cyclic prefix length or an extended cyclic prefix length. A method as in any above, where processing the received transmission comprises determining the indication based on a scrambling of the transmission.

[0126] A method as in any above, where at least a portion of an OFDM symbol numbering (e.g., in the transmission) is modified to comprise the indication. A method as in any above, where at least a portion of an OFDM symbol numbering (e.g., in the transmission) is reversed to comprise the indication. A method as in any above, where a constant is added to or subtracted from at least a portion of an OFDM symbol numbering (e.g., in the transmission) to comprise the indication. A method as in any above, where at least a portion of a subframe numbering (or a subframe number) (e.g., in the transmission) is modified to comprise the indication. A method as in any above, where a constant is added to or subtracted from a subframe number (e.g., in the transmission) to comprise the indication. A method as in any above, where the indication comprises at least one of: at least a portion of an orthogonal frequency division multiplexing symbol numbering that is modified, at least a portion of a subframe numbering that is modified, a frequency shift that is modified and a phase shift that is modified.